



POSITION CONTROL METHOD BY MOTOR DRIVE AND CONTROL UNIT
THEREFOR

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5 BACKGROUND OF THE INVENTION

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The present invention relates to a method of controlling the controlled system in the target position by using the direct current motor drive as a part of the driving mechanism.

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The present invention especially relates to a method of the position control used for a controller to adjust a supercharged pressure of a turbo charger by controlling the opening and shutting of the passage of the intake air pipe for the turbo charger and an apparatus therefor, wherein the position of the controlled system controlled by using
15 said motor drive mechanism is detected by an encoder.

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Technology except the influence of the noise generated in the encoder when the position of the movable vane driven by the motor drive is detected with an encoder is disclosed in Japanese Patent No. 3,039,512.

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This method of calculation with the rotary encoder and the apparatus composed such that the signal change is not miscalculated by the noise etc. More concretely, this apparatus has a first storage means by which the signal level after the reference time has passed since the change in the output signal had been detected is memorized. Moreover,

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TTB

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Amendments to the Abstract:

Please substitute the new Abstract of the Disclosure submitted herewith on a separate page for the original Abstract presently in the application.